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WEATHER BUREAU

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1944

J. A. BROWN, DIRECTOR

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FEBRUARY 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.5	65.0	65.7	65.4	15.1	9.7	12.2	14.3	10.6	12.4
2	5.6	5.0	6.1	5.6	16.0	10.6	12.1	15.3	12.6	13.3
3	7.0	6.3	7.8	7.0	16.2	10.8	14.0	15.9	12.6	14.2
4	7.6	6.0	6.7	6.8	17.0	11.1	13.9	15.7	12.7	14.1
5	4.6	1.7	1.6	2.6	18.5	11.9	13.7	17.2	15.7	15.5
6	62.4	61.6	62.4	62.1	17.8	11.4	13.7	16.4	13.9	14.7
7	3.1	1.5	1.6	2.1	17.2	10.4	11.4	14.9	11.2	12.5
8	58.4	57.6	58.0	58.0	17.7	8.9	16.1	16.1	14.1	15.4
9	61.2	63.1	65.2	63.2	15.3	10.3	10.6	14.7	11.6	12.3
10	5.5	3.4	1.5	3.5	16.4	11.2	11.3	16.2	12.3	13.3
11	61.9	62.2	64.1	62.7	17.6	11.4	14.8	15.9	12.8	14.5
12	5.5	4.5	3.7	4.6	17.1	11.7	13.9	16.5	14.4	14.9
13	1.1	0.2	1.4	0.9	19.4	13.3	15.6	17.8	15.1	16.2
14	3.6	2.9	4.2	3.6	17.9	11.8	15.7	16.8	14.3	15.6
15	4.6	1.1	59.5	1.7	20.3	13.7	13.7	17.3	14.6	15.2
16	56.4	53.8	51.7	54.0	26.0	19.4	20.4	19.6	21.6	20.5
17	47.6	0.0	4.1	0.6	27.4	10.4	25.6	15.9	13.9	18.5
18	58.3	9.5	61.6	9.8	16.2	9.0	11.3	12.2	12.8	12.1
19	63.8	63.6	3.9	63.8	16.9	11.3	14.2	15.9	12.9	14.3
20	4.0	0.2	0.6	1.6	18.0	12.5	14.0	15.6	12.8	14.1
21	59.1	57.8	56.8	57.9	18.5	13.1	15.8	18.3	14.5	16.2
22	5.5	5.4	8.3	6.4	16.1	11.5	15.7	14.4	14.4	14.8
23	9.8	9.3	60.2	9.8	16.1	8.7	14.4	15.6	11.1	13.7
24	61.5	61.3	2.5	61.8	16.3	10.3	10.4	15.1	13.2	12.9
25	3.8	4.4	6.3	4.8	14.9	7.8	12.8	13.8	9.8	12.1
26	67.1	65.0	63.4	65.2	15.4	10.9	12.2	13.1	12.2	12.5
27	2.8	1.9	1.1	1.9	19.7	13.7	15.6	18.8	15.4	16.6
28	0.0	59.7	58.9	59.5	21.2	13.7	17.3	20.2	16.8	18.1
29	2.8	3.1	64.2	63.4	19.5	12.3	16.8	18.9	14.6	16.8
	62.07	61.27	61.83	61.73	17.98	11.47	14.45	16.15	13.60	14.73

Barometer, range for month 767.8 — 747.6 mm.
„ 62-yr. average for month 762.10 mm.
Thermometer, range for month 27.4° C — 7.8° C.
„ 62-yr. average for month 14.28° C.
Rain, total for month 154.94 mm.
„ , 62-yr. average for month 161.29 mm
„ , total, from Sept. 1st. 678.44 mm.
62-yr. average, total from Sept. 1st. 715.52 mm.

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	6.9	7.4	8.3	7.5	66	60	87	71	7.1	298.0	0.76
2	7.4	7.7	7.7	7.6	70	60	71	67	4.2	209.0	
3	7.8	9.0	8.4	8.4	65	67	77	70	9.9	185.0	
4	8 3	9.8	8.9	9.0	71	74	82	76	9.9	105.0	
5	7.4	9.8	9.4	8.9	64	68	71	68	9.8	249.0	
6	8.6	9.0	9.0	8.9	74	65	76	72	9.3	789.0	1.53
7	9.7	8.5	9.8	9.3	96	67	98	87	0.0	764.0	17.53
8	6.7	8.5	7.8	7.7	49	62	66	58	2.8	1110.0	3.81
9	8.3	8.6	8.7	8.5	86	69	86	80	1.3	652.0	8.38
10	9.1	8.9	8.3	8.8	92	66	78	79	6.7	451.0	4.83
11	8.0	9.9	9.0	9.0	63	74	81	73	4.6	483.0	0.76
12	8.1	10.0	9.8	9.3	69	72	80	74	9.8	251.0	1.27
13	7.9	10.2	9.0	9.0	60	67	70	66	8.3	177.0	
14	9.4	8.8	9.4	9.2	71	62	77	70	3.4	451.0	
15	9.1	10.3	10.4	9.9	77	70	84	77	1.8	274.0	
16	8.5	11.5	8.4	9.5	48	68	44	53	0.0	491.0	
17	8.5	11.3	8.6	9.5	36	84	73	64	0.2	1328.0	6.60
18	9.3	9.4	9.0	9.2	93	89	81	88	0.0	960.0	70.36
19	9.9	9.9	8.9	9.6	82	74	81	79	4.7	392.0	11.43
20	8.5	6.9	8.9	8.1	71	53	82	69	9.3	304.0	
21	10.1	12.2	11.1	11.1	75	79	90	81	7.1	560.0	
22	8.4	9.6	8.7	8.9	63	78	71	71	1.0	939.2	12.70
23	8.6	7.9	9.2	8.6	70	61	94	75	0.4	840.0	4.06
24	7.8	8.5	7.5	7.9	83	67	65	72	3.4	632.0	10.92
25	7.0	7.3	6.6	7.0	65	63	72	67	8.3	440.0	
26	6.6	7.6	8.2	7.5	63	67	77	69	9.8	184.0	
27	7.6	10.9	9.5	9.3	58	69	72	66	10.5	104.0	
28	11.1	10.9	8.2	10.1	76	61	57	65	5.4	404.8	
29	10.7	11.9	10.9	11.2	76	74	88	79	9.5	208.0	
	8.45	9.38	8.88	8.91	70.0	68.6	76.9	71.9	5.46	490.86	5.34

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	8cu	1cu	10cu-ni	6.3	0	1sw	0	slight	Tr. a.m.
2	10cu	10cu	3cu	7.7	1sw	1sw	0	„	
3	0	0	0	0.0	0	1sw	0	„	
4	0	0	0	0.0	0	1n	0	light	
5	0	0	1cu	0.3	0	1ne	2sw	slight	
6	2cu	1cu	0	1.0	1se	2sw	1sw	slight	
7	10ni	10ni	9ni	9.7	1s	3sw	0	rough	
8	0	10cu	10cu-ni	6.7	1sw	3sw	3sw	„	T., G., & snow sho-
9	10ni	8cu-ni	5cu-ni	7.7	2sw	2sw	1sw	„	wer at night
10	10ni	0	0	3.3	1sw	2sw	1se	mod.	
11	0	9cu-ni	6cu-ni	5 0	2sw	2sw	1sw	mod.	
12	0	1ci	0	0.3	0	1ne	0	„	
13	1cu	1cu	2cu	1.3	0	1e	0	slight	
14	2cu	8cu	10cu	6.7	0	2sw	0	„	
15	10cu	10cu	9cu	9.7	0	0	1se	„	Sirocco starts at night
16	10cu	10cu	0	6.7	1e	0	0	slight	East w. at night
17	10cu	10ni	10cu-ni	10.0	2e	3sw	4sw	mod.	G. & T at night
18	10ni	9ni	10cu-ni	9.7	3sw	4sw	4sw	rough	
19	7cu	10cu	1cu	6.0	2sw	1sw	0	mod.	
20	0	0	0	0.0	1ne	1n	1n	slight	
21	0	0	0	0.0	1sw	2sw	1sw	slight	
22	10cu	10ni	2cu	7.3	3sw	4sw	3sw	mod.	Tr. a.m.
23	9cu	8cu	8ni	8.3	3sw	3sw	1sw	rough	W. & snow shower
24	4ni	6ni-cu	2cu	4.0	1sw	1sw	2sw	mod.	at night
25	4cu	0	0	1.3	2sw	2ne	0	„	Tr. a.m.
26	1ci	8cu	0	3.0	0	2n	0	slight	
27	0	1ci	0	0.3	0	1ne	0	„	
28	0	10cu	0	3.3	0	1sw	1se	„	
29	1cu	0	0	0.3	1sw	2sw	0	„	Dew a.m.
				4.34					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	2	1	1	13	0	0	11	29
14:30	3	4	1	0	0	19	0	0	2	29
20:30	1	0	0	3	0	11	0	0	14	29
Totals	4	5	3	4	1	43	0	0	27	87

Number of days with rain 14, fog 0, thunderstorms 2, gale 2.

62 yr. av. days with rain during month 14.0 days